

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A ~~composite yarn product~~ comprising:
a filament yarn made of inorganic or organic material, and
a matrix made of polymeric material comprising at least one foamed polymer,
said filament yarn being covered, coated, extruded, or incorporated in said
matrix made of polymeric material,
wherein ~~the~~ fibers forming the filament yarn are uniformly distributed in the
matrix made of polymeric material.
2. (Currently Amended) The ~~composite yarn product~~ as claimed in claim 1,
wherein the polymer is foamed by employing a chemical foaming system.
3. (Currently Amended) The ~~composite yarn product~~ as claimed in claim 1,
wherein the polymer is foamed by employing a mechanical foaming system.
4. (Currently Amended) The ~~composite yarn product~~ as claimed in claim 1,
wherein the inorganic material constituting the fibers of the filament yarn is chosen from the
group consisting of glass or silica.
5. (Withdrawn-Currently Amended) The ~~composite yarn product~~ as claimed in
claim 1, wherein the organic material ~~of synthetic origin~~ constituting the fibers of the filament
yarn is chosen from the group consisting of polyolefins, polyesters, polyamides, polyvinyls,
and acrylics.
6. (Withdrawn-Currently Amended) The ~~composite yarn product~~ as claimed in
claim 1, wherein the organic material ~~of natural origin~~ constituting the fibers of the filament
yarn is chosen from the group consisting of flax and cotton.

7. (Currently Amended) The ~~composite yarn product~~ as claimed in claim 1, wherein:

the matrix and the fibers forming the filament yarn that are uniformly distributed in the matrix together comprise a core; and

the core ~~composite yarn~~ is covered, coated, extruded, or incorporated in a second matrix made of polymeric material formed around the core.

8. (Currently Amended) The ~~composite yarn product~~ as claimed in claim 7, wherein the polymeric material constituting the matrix of the core and ~~that of the polymeric material of the~~ second matrix formed around the core are the same, are of an identical or different nature.

9. (Currently Amended) The ~~composite yarn product~~ as claimed in claim 7, wherein the polymeric material of one or of the two matrices is ~~chosen~~ selected from chlorinated polymers.

10. (Currently Amended) The ~~composite yarn product~~ as claimed in claim 7, wherein the polymeric material of one or of the two matrices is ~~chosen~~ selected from polyvinyl chloride, post-chlorinated PVCs, polyvinylidene chlorides, and chlorinated polyolefins.

11. (Withdrawn-Currently Amended) The ~~composite yarn product~~ as claimed in claim 7, wherein the polymeric material of one or of the two matrices is ~~chosen~~ selected from organopolysiloxanes.

12. (Withdrawn-Currently Amended) The ~~composite yarn product~~ as claimed in claim 7, wherein the polymeric material of one or of the two matrices is ~~chosen~~ selected from polyurethanes.

13. (Withdrawn-Currently Amended) The ~~composite yarn product~~ as claimed in claim 7, wherein the polymeric material of one or of the two matrices is ~~chosen~~ selected from polyolefins.

14. (Withdrawn-Currently Amended) The ~~composite yarn product~~ as claimed in claim 7, wherein the polymeric material of one or of the two matrices is ~~chosen~~ selected from the group consisting of acrylics, polymethylmethacrylate (PMMA), and polytetrafluoroethylene (PTFE).

15. (Currently Amended) The ~~composite yarn product~~ as claimed in claim 1, ~~wherein it additionally includes further comprising~~ a flame retardant filler ~~chosen~~ selected from the group consisting of zinc borate, aluminum hydroxide, antimony trioxide, and zinc hydroxystannate.

16. (Withdrawn-Currently Amended) The ~~A method for producing a composite yarn, comprising:~~

~~wherein coating a filament yarn with a polymeric material containing a foaming system, wherein the filament yarn is obtained by spinning fibers made of an organic or inorganic material or of natural fibers, is subjected to coating with a polymeric material containing a foaming system.~~

17. (Withdrawn-Currently Amended) The ~~A method for producing a composite yarn, comprising:~~

~~wherein coating a filament yarn with a first polymeric material containing a foaming system to form a core, the filament yarn obtained by spinning fibers made of an organic or inorganic material or of natural fibers, is subjected to coating with a polymeric material containing a foaming system, and then~~

~~to a second step of coating the core with or extruding the core in a second polymeric material containing or not containing a foaming system.~~

18. (Withdrawn-Currently Amended) ~~The A method for producing a composite yarn, comprising:~~

extruding a filament yarn in a polymeric material containing a foaming system,

wherein ~~a the filament yarn, yarn~~ is obtained by spinning fibers made of an organic or inorganic material or of natural fibers, ~~is subjected to extrusion in a polymeric material containing a foaming system.~~

19. (Withdrawn-Currently Amended) ~~The A method for producing a composite yarn, comprising:~~

extruding a filament yarn in a first polymeric material containing a foaming system to form a core, the filament yarn obtained by spinning fibers made of an organic or inorganic material or of natural fibers, and then

coating the core with or extruding the core in a second polymeric material that optionally contains a foaming system.

~~wherein a filament yarn, obtained by spinning fibers made of an organic or inorganic material or of natural fibers, is subjected to extrusion in a polymeric material containing a foaming system and then to a second step of coating with or extruding in a polymeric material containing or not containing a foaming system.~~

20. (Withdrawn-Currently Amended) ~~The A method for producing a composite yarn, comprising:~~

a. mechanically opening a filament yarn to separate fibers of the yarn; and

b. coating the filament yarn with or extruding the filament yarn in a polymeric material containing a foaming system;

wherein:

step a occurs before step b, or step a and step b occur simultaneously; and

~~a the filament yarn, yarn is obtained by spinning fibers made of an organic or inorganic material or of natural fibers, is subjected to a method for mechanically opening the yarn enabling said fibers to be separated, simultaneously or prior to its being coated with or extruded in a polymeric material containing a foaming system.~~

21. (Withdrawn-Currently Amended) ~~The A method for producing a composite yarn, comprising:~~

- ~~a. mechanically opening a filament yarn to separate fibers of the yarn;~~
- ~~b. coating the filament yarn with a liquid preparation of a monomer or polymer in a liquid state containing a foaming system or extruding the filament yarn in a polymeric material containing a foaming system, to form a core; and~~
- ~~c. coating the core with or extruding the core in a polymeric material that optionally contains a foaming system;~~

~~wherein:~~

~~step a occurs before step b, or step a and step b occur simultaneously; and~~
~~the filament yarn is obtained by spinning fibers made of an organic or inorganic material or of natural fibers.~~

~~wherein a filament yarn, obtained by spinning fibers made of an organic or inorganic material or of natural fibers, is subjected to a method for mechanically opening the yarn enabling said fibers to be separated, simultaneously or prior to a primary coating with a liquid preparation of a monomer or polymer in the liquid state containing a foaming system, or prior to it being extruded in a polymeric material containing a foaming system, and in that the composite yarn obtained is subjected to a second coating with or a second extrusion in a polymeric material containing or not containing a foaming system.~~